DEC 2 3 2005

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TO:

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FROM:

Luc Bérubé

FILE #;

14568-2 LB/dm

LAWYER #;

322

DATE: 12/23/2005 FAX #:

(571) 273-8300

PAGES: 12 (including cover sheet)

COMMENTS:

Please file the following documents:

Amendment in response to Office Action dated October 25, 2005.

Respectfully submitted,

Reg. No. 55,968

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-1-

DEC 2 3 2005

File 14568-2

Appl. No

: 10/050,941

Applicant

: ART, Advanced Research Technologies Inc.

Filed

January 22, 2002

Title

: SIMULTANEOUS MULTIWAVELENGTH TPSF-BASED OPTICAL

IMAGING

TC./A.U.

: 3737

Examiner

: Ruth S. Smith

Docket No.

: 14568-2 LB/dm

Customer No.

: 1059

Honorable Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

AMENDMENT

Sir:

In response to the Office Action of October 25, 2005, please amend the above-identified application as follows.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Amendments to the Drawings begin on page 6 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

Remarks/Arguments begin on page 7 of this paper.

An Appendix including amended drawing figures is attached following page 6 of this paper.